Paped March 6 1828 An Snaugural Essay The Cornus Cincinata, the deque of Dector of Medicine, in the University of Pennsylvania, Joseph M. Melinem. J. Grave D. W. Jasia. Bul " Geb. J. 1828.



"la sub oculis preceta regliziment; prisima incurreres lengingul Sectament. - Bling



On the Corner Circinata philia. I the spherdone of its objects, were dimend by the most inational hypothers. It was thankled by the dispertism of the solvers of Antiquety it de based by the baneful influence of the falust I from this degraded condition, it, at hast read send. Its Astendions were personed , I was sens do rathed powers, I now possible all the hearty



foundary clouds, it's Gulliancy is not destroyed, anangements, some alongles will be found weather ttele the done. Its domains are extensive; it's con-



from et exhibits an unwieldy bulk to be use the for our information, as well as our necessation. We count for one moment doubt that the mapster mountains as well as the hundle pathes are tomanted by triby of undicinal plants.



Under this impression, them, of the finder of diame me present remedial forces. Who can describe um that ful the glow of phelanthropy, who whose process can regulate the deranged func time of the System, impart strength to the of health on the church of hearty or, were forther the parge of expensing Matine! In selecting the Corner Circunata as the dut. got of and Essay, I do not gratify the funcile vawity of diflaying a Malent for chemical and Lyen; nor, to Twish to exhabit a long catalogue of cases to home the jutues of the plate to My object was of a reflect nature. Having



in my own case daried the greatest advantage from the bonus, Tavail fry delf of this Sphon tundy to offer my tailate of dommen dation. and to Substantiate its properties, Those por suced the most conclusive evidences of Analysting The Coming Circuata is very mided in many parts of america, by that for milian appellating of Mountain Millow, White and Hound haved Degend. Nochafis it may have derived its specifict name from the form of its leaves (incenatus, sounded): ad. they are much more oral than those belong ing to the other species. The Comes Circulate is anneled with a numerous Kendred belonging to the blass Tetrandia + Order Molingyina. The Rescenate is not peracteable of the for all



Imountainous Situation. He healty me putty manuscurd: It dreads however the coldect falterday, as much as it dislikes the warmest It may be found in many parts of the yeten It is a shoul of eight a ten feet in Cheight & its foliage is not particularly thick. Its learn are oval & broad, expended; whole I downy bourath; I waving at their edged. Its branches are jugle Iwanty. Whent the quished by March in the following Soundefic hanguage. Namis venucosis folis latura Mibels accommended, Subles also homewhatis, prepared to be pulsinged, have rather a quilled appearance : whatish enternally & properly



a dark efedermis. After the back has been ful. armatic flaren Ha pleasant, better testingut taste. When first put outs the mouth of has The Comes Circulate has not attracted much of the attention of prace. Wharmacopinia as an inferior article, Vory and only noticed in the most paluable works in Materia Medica. From parious circum. Hances, with which Thave become sognamled, in convection with the history of this plant it som undered to believe that Professory Monde I Just are entitled to the cudit of having in bedweed it ente practice. Tately however it has here used by the bound editor of this Manuacologia "I mentioned by him in the most dealed terms of approbation.



The some other medical agents its properties, were discovered by more actionst. The following interesting amound to are pelation to its des devery to only use are plated by the worthy of much per. poted Parfolin of Materia Medica in Male who would it with twocofs in Men Haven you 1790. A festiont affected with a diseased liver was at tacked with a Deanhea which it was not in equest of the perfection of this northern the physicians consented to give it a trial of the These facts, had (Dr. Jus further oriend from I. Rusas Mondon. From the one of the servery to engine for it. In 1803 Twent deverathing



whom the insuntains in quest of the plant . By or old man whom the mountain or Manden, (a place on the way blo how of M. Harm / I was deveded to the place from whome it had how gothered by the endirick. I find the plant described in Welldering under the prame of Comments beauty is on the Whendlow Mountains, on the with western as fuct among the broken rocks: I is found in this betweetin arming the Cast Alvest Moun. tained in this place (M. H.) beally aforciated with the Sambourd probescend of in abundance" legarding the therapentic character of the Sevensta, my own experience has not of Juded a very extensive Knowledge But from the twoofs which a few perpectable physicians have not with, in the we of it. I from the theteny affecacy which it has somed in my non case, That were histate to employ it



in all diseases of the busels, attended by a weaken sed thate of the sourced overly are. Shortly after my annual in America, from the M. Indies I wer seged with a violent & diffusing diswhile which, from the appearances of the execuations, the state of my liver-transmit other commistances Twas induced to believe perceded from some de. pargement in my beliary of parates. When the Anose first made its appearance, Toughested all medical treatment; but after some time had stopsed, Twee obliged to result to an extension me of botharties, alteratives of mally hims But, they for deced only a lan for any alleveations were never franch were inefficient. My wind Indden allacks of the disease, Tould never enjoy my meafs in perestion; a find any datifaction



in the secrety of my friends. In this dreadful di burna, Temsettest D: Two of new Haven, & was secons en ded by him, to try the leaves bis canata I did to: & Jam happy to Mate, that the most satisfactory results allended do one playment. In other cases the Moster has und hours / tuck as affects the Sailers aming from the Mysendies it has exhibited itself superior to every the tome Pastringent, I've much left disposed to preduce congestion than the Verusian? The Doctor folso gives the prefrance to this article in dianhea attendant in pulmonary consump tim, as well as a that, which ochors in the latter Stages of Syphias form, "particularly on there alses which an it's first to derminate fotally in humon hage from the Amels "This de, try wish practitioner, has devised considerable arvairtay from it, in chronic affections of the being



numbered with Dyspepsia in the form of bestern, when thethet is present to the hyur; In Cholica Infantium, the same for theman has and it with deaded benefolf. the gives his testimeny to the victures of this among by observing that " for a marcher of years he has used of the than of the Peruvised Back" In Aydenting after the perper preliminary States have been taken to before the inflammatory state of the truels, I when the disease has assumed a chronic character, it will be fruid highly efficients. In confirmatin of this, we have the promundatory of Insurces of D. Tres of M. Mork. He permits with regard to its general schulition, in his practice that " his ofference in the use of this article has been sufficient to purmade him that it is a pleasant of form inful time



and that there are cased in which it is prife. of Time Is Being under the impufsion; that it professes highly time of properties; to peling to when the stomach, than the laurchina, Ten cive that it may be used with inuch arran. tage, as a substitute, in the various forms of the on en which that having medicine is into ested. This remark, I think particularly ap. pleable to the cases of children, from the sea The Englipelas, when warted by a fuble thephine State of the bystem, Than a doubt this bank will from surreally is = pecially no this country at the disease art in paymently proceeds from the depraved habits of delancheed & dunkards.



But the Girmata has not much hun used internally. It Ises of M. Haven affines me that he was it as an external application for Garysone; or profession to flow ian Barte: I In Alcerated Istunger guins." In such cases the 3: adds that in my hands succeeded bittee than any other art dale" To using thes Back, the fol. bring precautions must be attended to It in the pulmonary or Repatie Systems. Before commistions It pasenter action struled be proceed the boweld empted of their voteated Vinichaling contents. Should perfer attention he paid to these in annotances, I have not the worthy of more particular notice, I deserve a place among the most respectable I walnutte remesies of the Materia Medica.



Through the friendly afsestance of Mr Carpen her a most intelligent Danggest of this city, I a bentleman well known to the Medical for culty from his intensing & armirable analyses if various substances, Thave been able to ab. law a Knowledge of the considerant parts of the burnata for From his weter, during the process of the analysis, the following observations have hun collected. With Water the back produced a deep sed color Most Spirit forms a heartiful tencture with it, I defective the largest in him of the action perfection. In configurace of which, it may be considered the best minstrum. It furding, meraporation an Extract of a dark jed co. be twhich profity in a concentrated deque all the belleving Vastringing of the Nacte. I alcohol it imparts the same appearance as to Water. The alcoholic polation when



uncentrated by evapuation is medical multy by to ster to oraquelated prinipulate exformed. The Extract degested in Ether is partially reforling In waferation produces a compound of Reser, Id, Va small portion of a possibian Saline matter This compound appears from its pusible charactery be constitute the meet active portion of the sub. from the action of reagents the Circumata affers, a Harking Semilorty to the Conchena. The Malong Impedient reddend tendine of Litrony Murate Reis forms a yellow, flatry printetate with it. Restate of Load on Notation was quick Le Conclice was undered turbe 2 & flowly principalates fulphate of Son pendead it turbist bonnestately afterward changed it to a blish black colort produced a very light puripotate. With Line Water a very copions precipitate was formed



leaving the Supernatant flies about cololles Sulphune, Metric, Tartario, Parfice & acetia las, per for ally and, but they howard we action on in precipitate; but the infusion aftermed a desper ed arlow. It will be precised that the action of these peagents is the fame between the loor und & Cenchona; but a reffrence 1/1st, when the Solution of Gales a Singless es weed, the burchina being africally procepitated by each of them, whelst no change is produced in the From the above Statement, we may conclude that the constituent programate bineiples of the Enunata are, Januir, Gallie list, Medin, Gum, Muchage, Bil Va firmlian faline in aller: which differ from the fall disco. and in the bonnes Florida, by possessing less bit timels I more astringency. I destingwish this



whit are from the Coming the mane of Circum may not be altyether mappingmate. from the grammation of the stub-Hance, Jam induced to believe that the Extract will from a valuable perfecation. At fersant the by francy a few of boiling water in I of the back recely for deed & decertion per paid by briling 3) of the back with a fint of Water. The does of the then preparations is 3, to 3, By Boff In They the foundered back has been weed in a imposition femilia to the bomp? Tinot of Nera wan back, - the Concernata being used as a date Hetale for the Combinan Inolstinate Den when accompanied with dyspetities Homach & dry skin It Toes of M. Mark prominends a com-Smalin of Is of the back with gail to Big of



3) of the fordered bark miged with two leastern ful of the best Not Mine. Externally the bien water is used in fine few der. In this Essay, Than not muchy presented an unaforming wember of the Materia Medica, to the notice of my bound Receptors; but Than endeavored to impuels a invioling that it is entury dearing of their infedence: In dring this, Than not addard much evidence from my own experience but I have principally collected the valuable testimony of the distinguished supporters of the Profession In The found at the present period to consider beinerable Temple of Medical Source . "I have done as you have down; that's what Jaan; induced Usyon have been; that's for my country;



As that has but effected his good will, Math west's en june act"

